

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: **ISPH-0772**
Inventors: **Monia and Wyatt**
Serial No.: **Not Yet Assigned**
Filing Date: **Herewith**
Examiner: **Not Yet Assigned**
Group Art Unit: **Not Yet Assigned**
Title: **Antisense Modulation of PKA Regulatory
Subunit RII Beta Expression**

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Date of Deposit **September 10, 2003**

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By *Jane Massey Licata*
Typed Name: **Jane Massey Licata, Reg. No. 32,257**

Commissioner for Patents
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Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- (XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.
- () In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:
- () Certification in Accordance with §1.97(e) is set forth below; or
- () The fee of \$180.00 as set forth in §1.17(p) is attached.
- () In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(I)(1).
- () Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

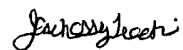
(XX) In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. 09/915,485, filed July 25, 2001 for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

() The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

Respectfully submitted,



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Date: September 10, 2003

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DOCKET NO.: ISPH-0772

Form PTO-1449 Modified		Docket No. ISPH-0772	Serial No. not yet assigned
List of Patents and Publications Cited by Application (Use several sheets if necessary)		Applicant Brett P. Monia et al.	
		Filing Date herewith	Group
U.S. Department of Commerce Patent and Trademark Office			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Austlid Tasken et al., Different mechanisms are involved in cAMP-mediated induction of mRNAs for subunits of cAMP-dependent protein kinases, <i>Mol. Endocrinol.</i> , 1991, 5:21-28	
	AB	McKnight et al., Cyclic AMP, PKA, and the physiological regulation of adiposity, <i>Recent Prog. Horm. Res.</i> , 1998, 53:139-161	
	AC	Oeyen et al., Subunits of cyclic adenosine 3',5'-monophosphate-dependent protein kinase show differential and distinct expression patterns during germ cell differentiation: alternative polyadenylation in germ cells gives rise to unique smaller-sized mRNA species, <i>Biol. Reprod.</i> , 1990, 43:46-54	
	AD	Perez et al., Abnormalities of cAMP signaling in affective disorders: implication for pathophysiology and treatment, <i>Bipolar Disord.</i> , 2000, 2:27-36	
	AE	Scambler et al., Exclusion of catalytic and regulatory subunits of cAMP-dependent protein kinase as candidate genes for the defect causing cystic fibrosis, <i>Am. J. Hum. Genet.</i> , 1987, 41:925-932	
	AF	Skalhegg et al., Specificity in the cAMP/PKA signaling pathway. Differential expression, regulation, and subcellular localization of subunits of PKA, <i>Front. Biosci.</i> , 2000, 5:D678-693	
	AG	Solberg et al., Mapping of the regulatory subunits RI beta and RII beta of cAMP-dependent protein kinase genes on human chromosome 7, <i>Genomics</i> , 1992, 14:63-69	
	AH	Tasken et al., Protein kinase C activation by 12-O-tetradecanoylphorbol 13-acetate modulates messenger ribonucleic acid levels for two of the regulatory subunits of 3',5'-cyclic adenosine monophosphate-dependent protein kinases (RII.beta. and RI.alpha.) via multiple and distinct mechanisms, <i>Endocrinology</i> , 1992, 130:1271-1280	
	AI	Tortora et al., Differential effects of protein kinase A subunits on Chinese-hamster-ovary cell cycle and proliferation, <i>Int. J. Cancer</i> , 1994, 59:712-716	
EXAMINER		DATE CONSIDERED	

Form PTO-1449 Modified List of Patents and Publications Cited by Application (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. ISPH-0772	Serial No.			
		Applicant Brett P. Monia et al.				
		Filing Date	Group			
U.S. PATENT DOCUMENTS						
Examiner's Initial		Document No.	Date	Name	Class	Subclass
	AA	5,097,026	3/17/1992	Jahnsen	536	27
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					
FOREIGN PATENT DOCUMENTS						
Examiner's Initial		Document No.	Date	Country	Translation YES NO	
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					
	AW					
	AX					
EXAMINER				DATE CONSIDERED		